

Flash Flooding Likely Today into Tonight



New York, NY
WEATHER FORECAST OFFICE

OVERVIEW

- A slow moving coastal low will bring heavy rainfall and flash flooding Today into Tonight.
- Several rounds of minor coastal flooding continue with continuation of ocean beach erosion.



Flood Watches Warnings and Advisories



Graphic Created
September 29th, 2023
5:06 AM EDT

HAZARDS & IMPACTS

Heavy Rain: [Flood Watch in Effect through Tonight](#)

- **Total Rainfall** - A widespread 3 to 5" inches of rain is likely Today into Tonight for the watch area. Locally 5-7" of rainfall is possible, but confidence on occurrence and location is low at this point.
- **Rainfall Rates** – 1-2"/hr likely, with 2"/hr possible in heaviest rain axis this morning into evening.
- **Impacts:** Excessive runoff will likely result in scattered to numerous instances of flash flooding in urban and poor drainage areas, as well as along quick responding small rivers and streams. Locally considerable flash flooding is possible if/where axis of steady heavy rain develops and sits for several hours.

Minor Coastal Flooding: For the most vulnerable NY/NJ harbor, Jamaica Bay, western Great South Bay, and coastal Westchester and Fairfield communities through the Sat AM high tidal cycles. This will exacerbate flooding conditions for coastal roads during the times of high tide.

NWS ALERTS

- **Flood Watch** continue into Tonight
- **Coastal Flood Advisories/Statements** through Saturday morning

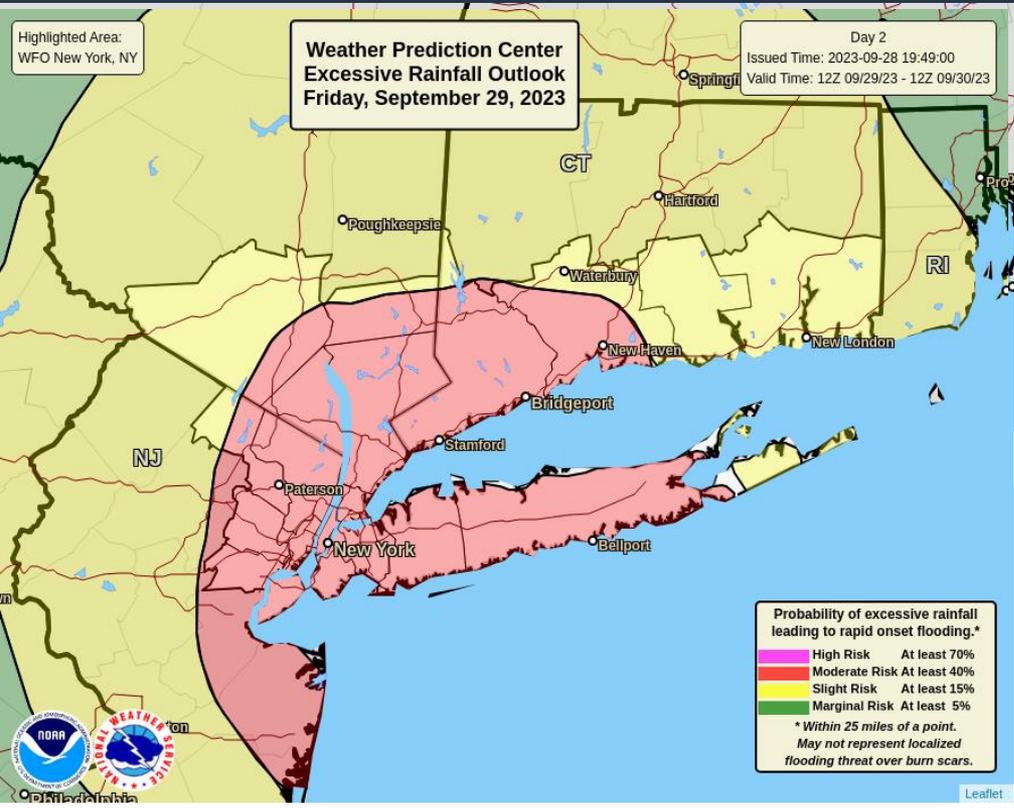
FORECAST CHALLENGE

- If and where an axis of heavy rain produces rainfall rates in excess of 2"/hr and total rainfall of 5-7"+ is still uncertain. This is where the threat of considerable flashing flooding would be greatest.
- If this heavy rain axis develops over the flashy river basins of NE NJ, Lower Hud, and SW CT, then moderate flood levels would likely be exceeded for several small rivers and streams.

NEXT BRIEF

- This will be the final briefing for this event.

Excessive Rainfall/Flash Flood Outlook



Understanding WPC Excessive Rainfall Risk Categories

No Area/Label	MARGINAL (MRGL)	SLIGHT (SLGT)	MODERATE (MDT)	HIGH (HIGH)
Flash floods are generally not expected.	Isolated flash floods possible	Scattered flash floods possible	Numerous flash floods likely	Widespread flash floods expected
	Localized and primarily affecting places that can experience rapid runoff with heavy rainfall.	Mainly localized. Most vulnerable are urban areas, roads, small streams and washes. Isolated significant flash floods possible.	Numerous flash flooding events with significant events possible. Many streams may flood, potentially affecting larger rivers.	Severe, widespread flash flooding. Areas that don't normally experience flash flooding, could. Lives and property in greater danger.
www.wpc.ncep.noaa.gov @NWSWPC				
Flash flooding near me?	Flash Flooding			
	NO Flash Flooding			
WEATHER PREDICTION CENTER				

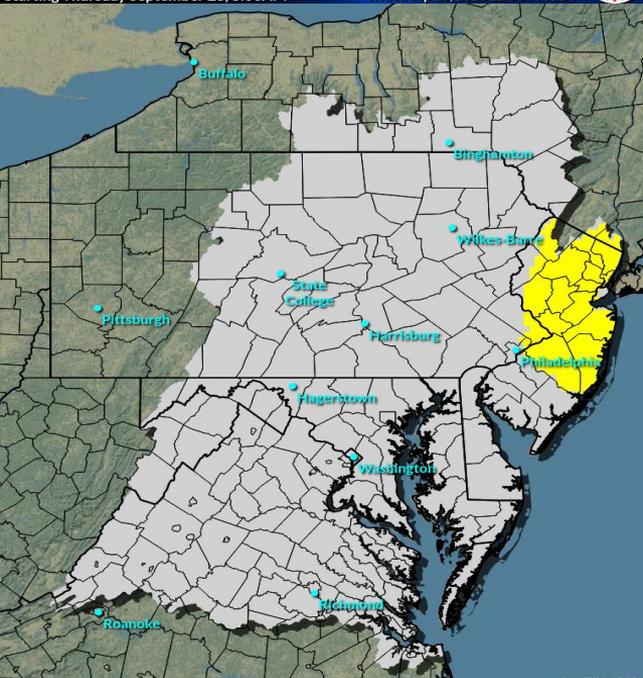
Significant River Flood Outlook



New York, NY
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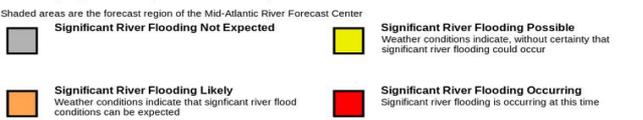
5-Day Significant River Flood Outlook

River Forecast Center
Middle Atlantic
Starting Thursday September 28, 8:00AM
Issued Sep 28, 2023 12:58 PM EDT



NWS/MARFC weather.gov/marfc

Significant River Flooding impacts include road hazards and damage to residential, commercial, and/or agricultural areas. Evacuation may be required. Flash flooding or Minor river flooding are NOT included in this outlook. Check your local weather forecast frequently for the most up-to-date information for your area.



Minor flooding is forecast for the ...

- [LODN4 - Saddle River at Lodi, NJ](#)
- [MAWN4 - Ramapo River at Mahwah, NJ](#)

If the heaviest rain axis (5-7") develops over the flashy river basins of NE NJ, Lower Hud, and SW CT, then moderate flood levels would likely be exceeded for several small rivers and streams, with even potential for isolated major flood levels.

Latest [river forecasts](#), impact catalogs, and [inundation maps](#) can be found [here](#).

You can also refer to the [Mid-Atlantic](#) or [Northeast River Forecast Center](#) for the latest information on river forecasts.

Storm Total Rainfall



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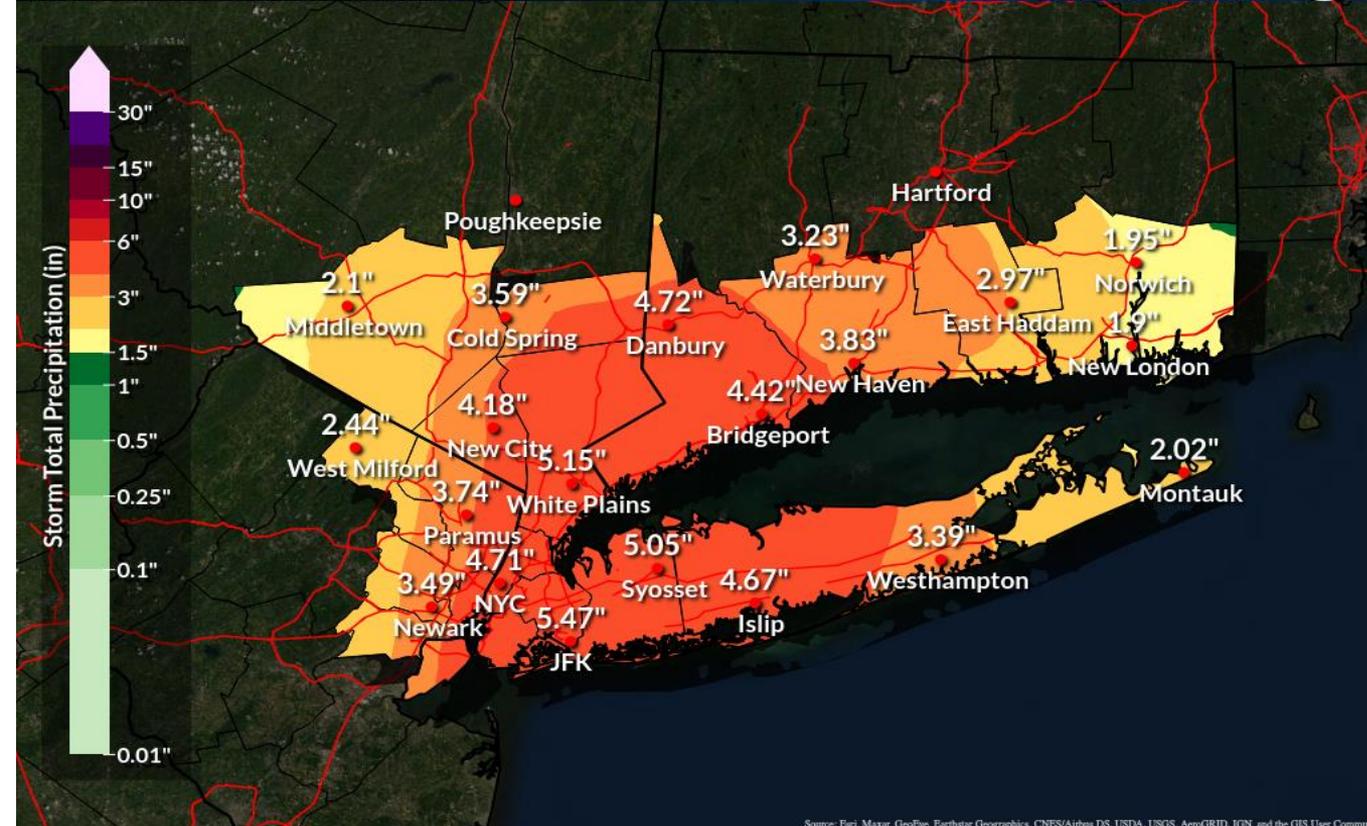
Expected Rainfall/Liquid Equivalent - Official NWS Forecast

Weather Forecast Office
New York, NY



Valid Fri 2:00AM through Sat 2:00PM EDT

Issued Sep 29, 2023 3:12 AM EDT



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

NWSNewYorkNY

weather.gov/nyc

This rainfall forecast could be shifted 10-20 miles in either direction based on where

Locally 5-7" of rain possible.

ISSUED: 9/29/2023 5:37 AM

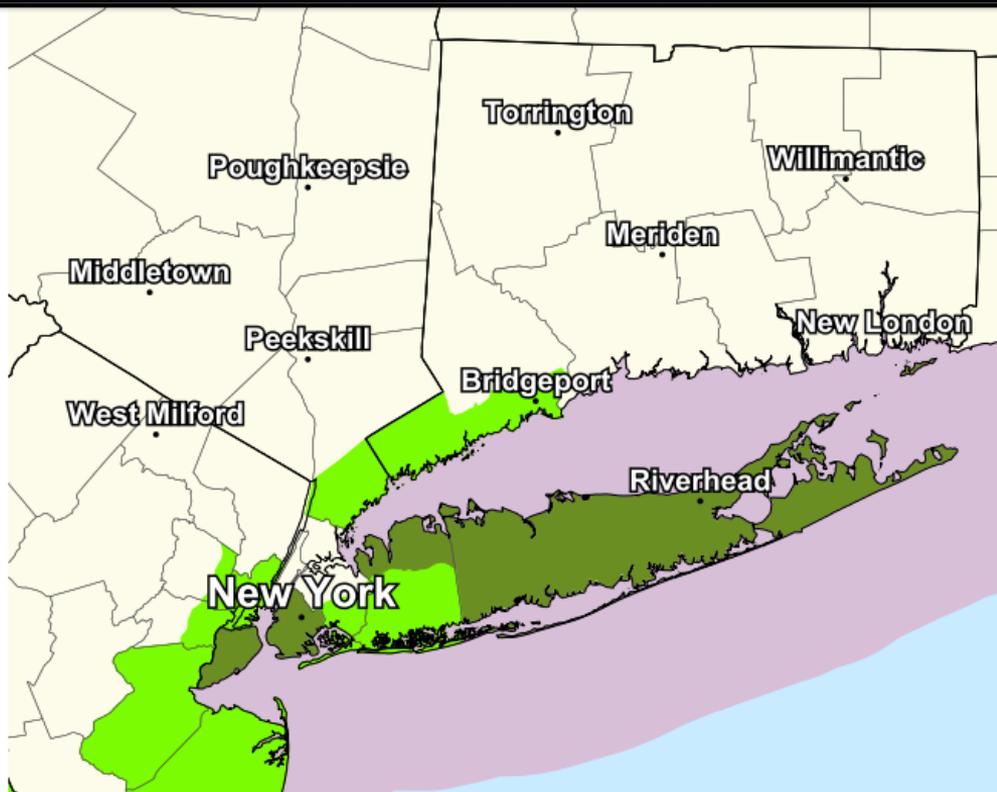
www.weather.gov/nyc

Minor Coastal Flooding Through Saturday Morning



New York, NY
WEATHER FORECAST OFFICE

Coastal Hazards



See [Coastal Hazard Message](#) for more hazard/impact details for your area of concern.

Minor Coastal Flooding (inundation up to 1 ½ ft above ground level) expected during the times of high tide through Sat AM for the most vulnerable NY/NJ harbor, Jamaica Bay, western Great South Bay, and coastal Westchester and Fairfield.

Beach erosion/escarpment will continue through at least Saturday due to elevated water levels, 4-7 ft breaking surf, and a strong E-W longshore current. Dune erosion potential looks to be localized, with overwashes not expected.

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